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**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED  
UNINTENTIONALLY UNDER 37 CFR 1.137(b)**

**Docket Number  
0201-PC**

**First named inventor: DENIS GHESQUIERE**

**Application No.: 10/667,190**

**Art Unit:**

**Filed: SEPTEMBER 17, 2003**

**Title: "A PROCESS FOR IMPROVING THE HYDROLYSIS RESISTANCE  
OF A URETHANE ELASTOMER"**

**Attention: Office of Petitions  
Mail Stop - Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the Office notice or action plus an extensions of time actually obtained

**APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION**

**NOTE: A grantable petition requires the following items:**

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee –required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional.

**1. Petition fee**

☐ Small entity-fee \$ \_\_\_\_ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27

☒ Other than small entity fee \$ 1500.00 (37 CFR 1.17(m)) Please charge deposit account No. 23-2656.

**2. Reply and/or fee**

**A. The reply and/or fee to the above-noted Office action in  
the form of: *Petition for Revival of an Application for Patent Abandoned Unavoidable Under  
37 CFR 1.137(a)* (identify type of reply):**

☒ has been filed previously on December 10, 2004.

☒ is enclosed herewith.

**B. The issue fee of \$ \_\_\_\_\_.**

☐ has been paid previously on \_\_\_\_\_.

☐ is enclosed herewith.

**3. Terminal disclaimer with disclaimer fee**

☒ Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required

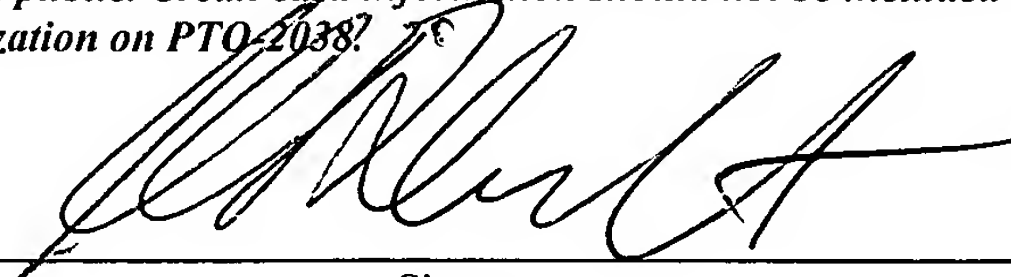
☐ A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ \_\_\_\_\_ for a small entity or \$ \_\_\_\_\_ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).

4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D))].

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038?**

APRIL 5, 2005

Date

  
Signature

Telephone

Number (203)573-3313

Michael P. Dilworth, Reg. No. 37,311

Typed or printed name

CROMPTON CORPORATION

Address

Benson Road, Middlebury, CT 06749

Enclosures: ☒ Fee Payment

.....☒ Copy of Response to Notice to File Missing Parts of Nonprovisional Application - previously submitted

☐ Assignment

☒ Copy of Oath Declaration - previously submitted December 10, 2004

☐ Terminal Disclaimer Form

☐ Additional sheets containing statements establishing unintentional delay

☐ Other: (Associate Power of Attorney & Change of Correspondence Address) ?

**CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]**

I hereby certify that this correspondence is being:

☒ deposited with the United States Postal Service on the date shown below with sufficient postage as  
First class mail in an envelope addressed to: Mail Stop - Petition, Commissioner for Patents, P.O. Box 1450,  
Alexandria, VA 22313-1450.

☐ transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at  
(703) 308-6916.

4/5/05

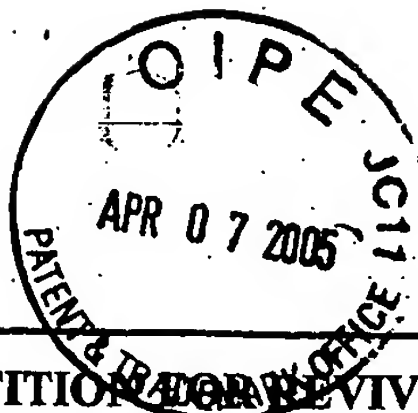
Date

  
Signature

Michael P. Dilworth

Type or printed name of person signing certificate

[Page 2 of 2]



**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED  
UNAVOIDABLE UNDER 37 CFR 1.137(a)**

**Docket Number  
0201-PC**

**First named inventor: DENIS GHESQUIERE**

**Art Unit:**

**Application No.: 10/667,190**

**Examiner:**

**Filed: SEPTEMBER 17, 2003**

**Title: "A PROCESS FOR IMPROVING THE HYDROLYSIS RESISTANCE OF A URETHANE  
ELASTOMER"**

**Attention: Office of Petitions**

**Mail Stop - Petition**

**Commissioner for Patents**

**P.O. Box 1450**

**Alexandria, VA 22313-1450**

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the Office notice or action plus an extensions of time actually obtained.

**APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION**

**NOTE: A grantable petition requires the following items:**

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee—required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
- (4) Adequate showing of the cause of unavoidable delay.

**1. Petition fee**

☐ Small entity-fee \$ \_\_\_\_ (37 CFR 1.17(l)). Applicant claims small entity status. See 37 CFR 1.27

☒ Other than small entity-fee \$ 500.00 (37 CFR 1.17(l)) Please charge deposit account No. 23-2656.

**2. Reply and/or fee**

**A. The reply and/or fee to the above-noted Office action in  
the form of: Response to Missing File Parts of Nonprovisional Application (identify type of reply):**

☐ has been filed previously on \_\_\_\_\_.

☒ is enclosed herewith.

**B. The issue fee of \$ \_\_\_\_\_.**

☐ has been paid previously on \_\_\_\_\_.

☐ is enclosed herewith.

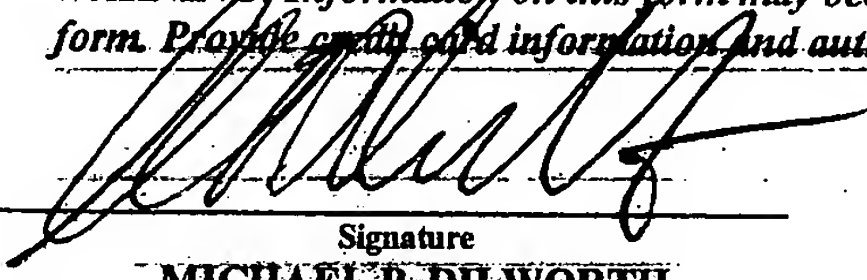
PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED UNAVOIDABLE UNDER 37 CFR 1.137(a)

3. Terminal disclaimer with disclaimer fee

- ☒ Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required
- ☐ A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ \_\_\_\_\_ for a small entity or \$ \_\_\_\_\_ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).

4. An adequate showing of the cause of the delay, and that the entire delay in filing the required reply from the due date for the reply until the filing of a grantable petition under 37 CFR 1.137(a) was unavoidable, is enclosed.

*WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.*



Signature

MICHAEL P. DILWORTH

Typed or printed name

10 December 2004

Date:

37311

Registration Number, if applicable

Crompton Corporation

Telephone number: 203-573-3313

Benson Road, Middlebury, CT 06749

Enclosures: ☒ Fee Payment

- ☒ Response to Notice to File Missing Parts of Nonprovisional Application
- ☐ Assignment
- ☒ Oath Declaration
- ☐ Terminal Disclaimer Form
- ☐ Additional sheets containing statements establishing unintentional delay
- ☐ Other

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

☒ deposited with the United States Postal Service on the date shown below with sufficient postage as First class mail in an envelope addressed to: Mail Stop - Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

☐ transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) 872-9306.

Dec 10 2004

Date



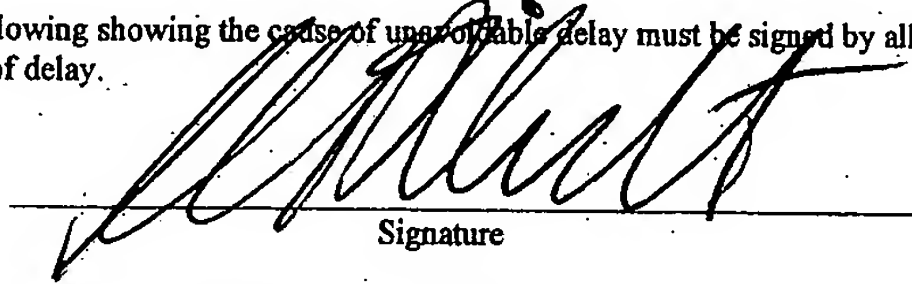
Signature

Jane C. Sullivan

Type or printed name of person signing certificate

**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED  
UNAVOIDABLE UNDER 37 CFR 1.137(a)**

NOTE: The following showing the cause of unavoidable delay must be signed by all applicants or by any other party who is presenting statements concerning the cause of delay.

  
Signature

*10 December 2007*  
Date

Michael P. Dilworth  
Typed or printed name

37,311  
Registration Number, if applicable

(In the space provided below, please explain in detail the reasons for the delay in filing a proper reply.)

**Applicants have not received Notice to File Missing Parts (Notice) as mailed by the United States Patent Office on 12/17/2003.**

**Applicants have received NO DOCUMENTATION whatsoever from the United States Patent Office relating to this case other than two returned post cards confirming receipt of application and Information Disclosure Statement;**

**As of this date, Applicant has not received an Official Filing Receipt.**

**Applicant prepared the Oath/Declaration and Assignment, duly signed by inventor on September 23, 2003. Applicant requested outside counsel on August 10, 2004 to request status report from the United States Patent Office on this application - there has been no response from the Patent Office.**

**Applicants have every intention of pursuing this patent application throughout its prosecution to obtain a patent and believe this application has become abandoned because of unavoidable circumstances.**

(Please attach additional sheets if additional space is needed)

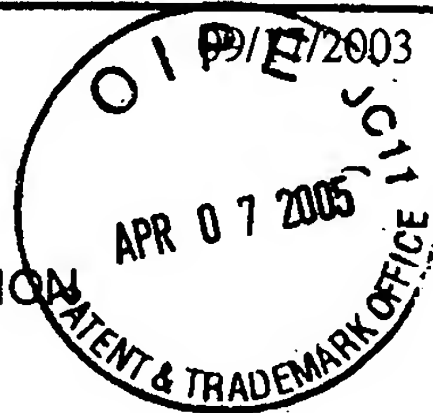


## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/667,190	01/21/2003	Denis Ghesquiere	0201-PC

CROMPTON CORPORATION  
 Benson Road  
 Middlebury, CT 06749



CONFIRMATION NO. 9335

ABANDONMENT/TERMINATION  
LETTER

\*OC000000014339637\*

Date Mailed: 11/12/2004

**NOTICE OF ABANDONMENT UNDER 37 CFR 1.53 (f) OR (g)**

The above-identified application is abandoned for failure to timely or properly reply to the Notice to File Missing Parts (Notice) mailed on 12/17/2003.

- No reply was received.

A petition to the Commissioner under 37 CFR 1.137 may be filed requesting that the application be revived.

Under 37 CFR 1.137(a), a petition requesting the application be revived on the grounds of **UNAVOIDABLE DELAY** must be filed promptly after the applicant becomes aware of the abandonment and such petition must be accompanied by: (1) an adequate showing of the cause of unavoidable delay; (2) the required reply to the above-identified Notice; (3) the petition fee set forth in 37 CFR 1.17(l); and (4) a terminal disclaimer if required by 37 CFR 1.137(d).

Under 37 CFR 1.137(b), a petition requesting the application be revived on the grounds of **UNINTENTIONAL DELAY** must be filed promptly after applicant becomes aware of the abandonment and such petition must be accompanied by: (1) a statement that the entire delay was unintentional; (2) the required reply to the above-identified Notice; (3) the petition fee set forth in 37 CFR 1.17(m); and (4) a terminal disclaimer if required by 37 CFR 1.137(d).

Any questions concerning petitions to revive should be directed to the "Office of Petitions" at (703) 305-9282. Petitions should be mailed to: Mail Stop Petitions, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

*A copy of this notice MUST be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



0201-PC

IN THE UNITED STATES  
PATENT AND TRADE MARK OFFICE

In re Application of: DENIS GHESQUIERE

Examiner:

Serial No.: 10/667,190

Art Unit:

Filing Date: SEPTEMBER 17, 2003

Date: December 10, 2004

Title: A PROCESS FOR IMPROVING THE HYDROLYSIS  
RESISTANCE OF A URETHANE ELASTOMER

CERTIFICATE OF MAILING	
I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to Mail Stop - Missing File Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Date: 12/10/04	nm
Name of Person Mailing Paper Signature of Person Mailing Paper	

Mail Stop - Missing File Parts  
Commissioner for Patent  
P.O. Box 1450  
Alexandria, VA 22313-1450

**NOTICE TO FILE MISSING PARTS OF  
NONPROVISIONAL APPLICATION**

(Filing Date Granted) Confirmation No. 9335

Dear Sir:

With respect to the Notice to File Missing Parts of Nonprovisional Application - Filing Date Granted, mailed December 17, 2003 (which Applicant never received) and having a two month period for response set to expire on March 17, 2004, enclosed is a Combined Declaration and Power of Attorney for recordal in the United States Patent and Trademark Office relating to the parent patent application.

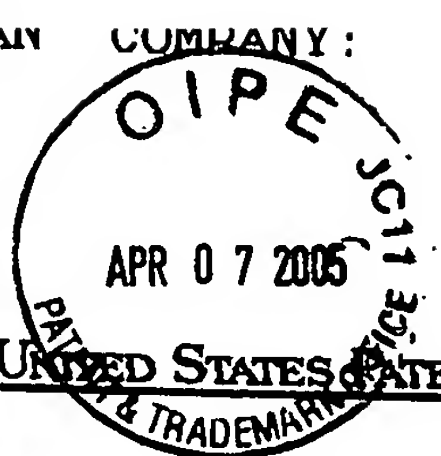
Please charge the \$130.00 surcharge for filing the Declaration to Deposit Account No. 23-2656. Two additional copies of this sheet are enclosed along with a copy of the Notice to File Missing Parts Application - Filing Date Granted.

Date: 10 December 2007

Please send future communications to:  
Michael P. Dilworth  
CROMPTON CORPORATION  
BENSON ROAD  
MIDDLEBURY, CT 06749  
Tel.No. 203-573-3313  
Fax No. 203-573-2261  
0201-PC

Respectfully submitted,

Michael P. Dilworth  
Reg. No. 37,311



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/667,190	09/17/2003	Denis Ghesquiere	0201-PC

CROMPTON CORPORATION  
Benson Road  
Middlebury, CT 06749

CONFIRMATION NO. 9335

FORMALITIES LETTER



\*OC00000011505783\*

Date Mailed: 12/17/2003

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

### Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

### SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

*A copy of this notice MUST be returned with the reply.*

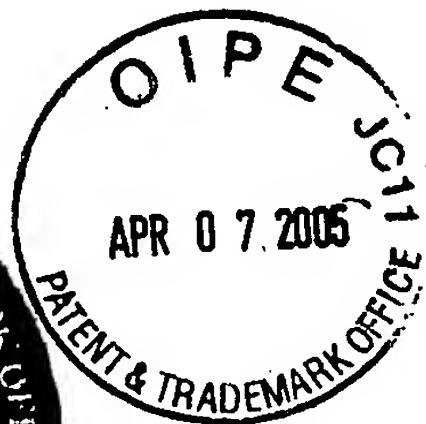


J: NORMA CORRIGAN COMPANY:

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY



## Patent Technology Center 1700

### Facsimile Transmission

To: Name: NORMA CORRIGAN  
Company:  
Fax Number: 2035732261  
Voice Phone:

From: Name: MONICA YOUNG  
Official Fax Number: (703) 872-9310  
Official After Final Fax Number: (703) 872-9311  
Voice Phone: 7033063482

37 C.F.R. 1.6 sets forth the types of correspondence that can be communicated to the Patent and Trademark Office via facsimile transmissions. Applicants are advised to use the certificate of facsimile transmission procedures when submitting a reply to a non-final or final Office action by facsimile (37 CFR 1.8(a)).

Fax Notes:

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Date and time of transmission: Friday, December 10, 2004 9:22:02 AM  
Number of pages including this cover sheet: 03

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**COMBINED DECLARATION FOR PATENT Atty Docket No. 0201-PC**  
**APPLICATION AND POWER OF ATTORNEY**

Page 1 of 3

(Includes Reference to PCT International  
Applications)



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the invention entitled:

which is described and claimed in the patent specification which

**"A PROCESS FOR IMPROVING THE HYDROLYSIS RESISTANCE OF A URETHANE  
ELASTOMER"**

( ) is attached hereto,

(X) was filed on September 17, 2003 and accorded serial number \_\_\_\_\_, and for which  
invention Letters Patent are sought.

I hereby state that I have reviewed and understand the contents of the above identified specification,  
including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this  
application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 of any foreign  
application(s) for patent or inventor's certificate listed below and have also identified below any foreign  
application for patent or inventor's certificate having a filing date before that of the application on which  
priority is claimed:

PRIOR FOREIGN/PCT APPLICATIONS AND PRIORITY CLAIMS UNDER 35 U.S.C. 119			
COUNTRY (if PCT, indicate "pct")	APPLICATION NO.	DATE OF FILING (month,day,year)	PRIORITY CLAIMED
FRANCE	02 11582	SEPTEMBER 19, 2002	YES

**COMBINED DECLARATION FOR PATENT  
APPLICATION AND POWER OF ATTORNEY**

**Atty Docket No. 0201-PC**  
**Page 2 of 3**

**(Includes Reference to PCT International  
Applications)**

**I hereby claim the benefit under Title 35, United States Code, Sec.120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec.112, I acknowledge the duty to disclose material information as defined in Title 37, Code Federal Regulation Sec.1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:**


PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120					
U.S. APPLICATIONS			STATUS (CHECK ONE)		
US APPLN. NO.	US FILING DATE		PATENTED	PENDING *	ABANDONED
PCT APPLICATIONS DESIGNATING THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE	US SERIAL NOS. ASSIGNED (if any)			

**I hereby appoint the following attorney's and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Kenneth D. Tremain - Reg. No. 20,518; and Daniel Reitenbach - Reg. No. 30,970 and Michael P. Dilworth - Reg. No. 37,311.**

<b>Address all correspondence to:</b> <b>Michael P. Dilworth</b> <b>Crompton Corporation</b> <b>Benson Road</b> <b>Middlebury, CT 06749</b>	<b>Direct telephone calls to:</b>  <b>Michael P. Dilworth</b> <b>tel. no.: (203) 573-3313</b>
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**I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.**

(Includes Reference to PCT International Applications)

	<b>FULL NAME OF INVENTOR</b>	<b>DENIS GHESQUIERE</b>		
	<b>CITIZENSHIP</b>	<b>France</b>		
	<b>RESIDENCE ADDRESS</b>	<b>29 rue Madeleine Fosse, F-27370, Tourville la Campagne, France</b>		
	<b>POST OFFICE ADDRESS</b>	<b>29 rue Madeleine Fosse, F-27370, Tourville la Campagne, France</b>		
	<b>SIGNATURE</b>		<b>DATE</b>	<b>23/09/03</b>